


**REMARKS**

Applicant has now amended this application in response to the office action. The Sakakibara, et al. patent does not apparently disclose a system wherein a second temperature threshold is monitored to de-energize the heat pump. Thus, the amended independent claims define around Sakakibara, et al.

Further, the examiner's proposed combinations of either Stewart or Yamaguchi, et al. are improper. These two references may well disclose temperature sensors at particular locations in a hot water heating system. However, Sakakibara, et al. has a very specific goal and purpose in mind. There is no true suggestion to combine the Stewart or Yamaguchi, et al. disclosures with Sakakibara, et al. Simply, the proposed combination is based only on hindsight, and would seem to destroy the pointed goals of the Sakakibara, et al. system. Allowance of the claims 5, 13, 18 and 3, 11 and 16 is in order for these additional reasons.

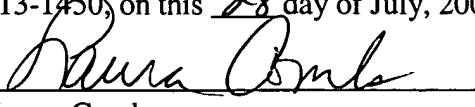
Respectfully submitted,

  
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Theodore W. Olds, Reg. No. 33,080  
Carlson, Gaskey & Olds  
400 W. Maple Road, Ste. 350  
Birmingham, MI 48009  
(248) 988-8360

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**CERTIFICATE OF MAIL**

I hereby certify that the enclosed Response is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 28 day of July, 2005.

  
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Laura Combs